



# Paxillin (phospho Ser178) rabbit pAb

Cat No.:ES6953

For research use only

## Overview

<b>Product Name</b>	Paxillin (phospho Ser178) rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;ELISA
<b>Species Cross-Reactivity</b>	Human;Mouse;Rat
<b>Recommended dilutions</b>	Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications.
<b>Immunogen</b>	Synthesized phospho-peptide around the phosphorylation site of human Paxillin (phospho Ser178)
<b>Specificity</b>	Phospho-Paxillin (S178) Polyclonal Antibody detects endogenous levels of Paxillin protein only when phosphorylated at S178.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Storage</b>	Store at -20°C . Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	Paxillin
<b>Gene Name</b>	PXN
<b>Cellular localization</b>	Cytoplasm, cytoskeleton . Cell junction, focal adhesion . Cytoplasm, cell cortex . Colocalizes with integrins at the cell periphery. Colocalize with PXN to membrane ruffles and the leading edge of migrating cells (PubMed:23128389). .
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	65kD
<b>Human Gene ID</b>	5829
<b>Human Swiss-Prot Number</b>	P49023
<b>Alternative Names</b>	PXN; Paxillin
<b>Background</b>	This gene encodes a cytoskeletal protein involved in actin-membrane attachment at sites of cell adhesion





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to the extracellular matrix (focal adhesion).  
Alternatively spliced transcript variants encoding  
different isoforms have been described for this gene.  
These isoforms exhibit different expression pattern,  
and have different biochemical, as well as  
physiological properties (PMID:9054445). [provided  
by RefSeq, Aug 2011],



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